

**Amendments to the Specification:**

Page 1, before line 4, the paragraph beginning with "The present invention" insert the following titles and paragraph:

**-- CROSS REFERENCE TO RELATED APPLICATIONS**

This is a U.S. national stage of application No. PCT/EP2004/053650, filed on 22 December 2004. Priority is claimed on the following application(s): Country: Germany, Application No.: 103 60 380.8, Filed: 22 December 2003; Country: Germany, Application No.: 103 60 379.4, Filed: 22 December 2003; Country: Germany, Application No.: 103 60 364.6, Filed: 22 December 2003; Country: Germany, Application No.: 103 61 203.3, Filed: 24 December 2003; and Country: Germany, Application No.: 103 61 223.8, Filed: 24 December 2003, the contents of which are incorporated here by reference.

**BACKGROUND OF THE INVENTION --**

Page 1, before line 22, the paragraph beginning with "It is therefore", insert the following title:

**SUMMARY OF THE INVENTION**

Please delete the paragraph beginning on page 1, line 25, in its entirety.

Please delete the paragraph beginning on page 6, line 23, in its entirety.

Page 7, before line 3, the paragraph beginning with "Further advantages", insert the following title:

**BRIEF DESCRIPTION OF THE DRAWINGS**

Please replace the paragraph beginning on page 7, line 3, with the following amended paragraph:

-- Further advantages, features and details of the present invention can be derived from the following description of exemplary embodiments of the invention in detail with reference to the accompanying drawings. The features mentioned in the claims and the description can be essential for the present invention singly or in any combination. In the figures:

Fig. 1 ~~shows~~ is a schematic diagram showing a system for transforming heat energy to mechanical energy, and

Fig. 2 ~~shows~~ is a schematic diagram of a further embodiment of the a system for transforming heat energy to mechanical energy according to Fig. 1; and

Fig. 3 is a schematic diagram of yet another embodiment of system for transforming a heat energy to mechanical energy. --

Page 7, before line 10, the paragraph beginning with "Figure 1 shows", insert the following title:

**DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS**

Please replace the paragraph beginning on page 8, line 7, with the following amended paragraph:

-- It is particularly advantageous that the working fluid is an azeotropically evaporating mixture in which, depending on the type, the evaporating temperature can be lowered, so that it is below the condensation temperatures of the individual components. If the first component of the evaporated working fluid is adiabatically absorbed, the heat corresponding to the decrease in entropy is transferred to the remaining second component. This is how the remaining, expanded working fluid is heated despite the expansion, so that a certain percentage of the heat of the working fluid remaining evaporated can be transferred to evaporator 6 via a heat exchanger 7 which results in the efficiency of the system being substantially improved. At the same time absorption device 3 has a liquid separator for separating the remaining vapor of the working fluid from the liquid absorbed component. --

Please insert the following new paragraph on page 9, after line 23.

-- In a further embodiment shown in Fig. 3, the expanded evaporated working fluid is brought to a temperature level above the boiling point of the working fluid by a heat pump 12. In this embodiment, energy recycling may be realized with a one component working fluid. An operating liquid of the heat pump has an evaporation enthalpy greater than quadruple the evaporation enthalpy of the working fluid. The heat is recycled using the heat exchanger 7 as in the previous embodiments. --

Please delete page 10, in its entirety.